

1. (Currently Amended) A cooling arrangement for the admission of a cooling gas to a first cavity (9), ~~in particular in a gas turbine of a power plant, comprising:~~

a first cavity, a second cavity spaced from the first cavity, and a third cavity spaced from the first cavity;

a first component having a wall separating the first cavity from the second cavity, the wall having a bearing side;

[[~~-~~ having]] at least one cooling-gas passage (19) ~~which is arranged in a said wall (11), separating the first cavity (9) from a second cavity (10), of a first component (6) and which connects communicatingly connecting the first cavity (9) to the second cavity (10) in a communicating manner;~~

[[~~-~~] a second component (16) bearing against the wall (11) on a the bearing side (15) remote from the second cavity (10) and separating the first cavity (9) ~~there from a the~~ third cavity (12);

[[~~-~~] the second component (16) being displaceable along the wall (11) within a predetermined range of displacement (22); and

[[~~-~~] the cooling-gas passage including an orifice region (20), facing the first cavity (9), of the cooling-gas passage (19) being dimensioned, and/or positioned, or both, in such a way so that its an orifice cross section (21) projects from the range of displacement (22) at least to such an extent that it the orifice region is open at least with a predetermined minimum cross section in any position of the second component (16) within the range of displacement (22).

2. (Currently Amended) The cooling arrangement as claimed in claim 1, ~~characterized in that wherein~~ the cooling-gas passage (19) has a predetermined nominal cross section (23) ~~outside its said orifice region (20), this the~~ nominal cross section (23) being smaller than the cross sections of the cooling-gas passage in the orifice region (20).

3. (Currently Amended) The cooling arrangement as claimed in claim 2, ~~characterized in that wherein~~ the cooling-gas passage (19) cross-section is constantly has constant and is the nominal cross section (23) outside the orifice region (20).

4. (Currently Amended) The cooling arrangement as claimed in claim 2 ~~or 3~~, ~~characterized in that wherein~~ the minimum cross section is the same ~~size~~ as or larger than the nominal cross section ~~(23)~~.

5. (Currently Amended) The cooling arrangement as claimed in ~~one of claims 1 to 4~~ Claim 1, ~~characterized in that wherein~~ the cooling-gas passage ~~(19)~~, in its said orifice region ~~(20)~~, widens toward the first cavity ~~(9)~~ up to the orifice cross section ~~(21)~~.

6. (Currently Amended) The cooling arrangement as claimed in claim 5, ~~characterized in that wherein~~ the orifice region ~~(20)~~ ~~is formed by~~ comprises a bevel.

7. (Currently Amended) The cooling arrangement as claimed in ~~one of claims 1 to 4~~ Claim 1, wherein: [[characterized
- in that]] the cooling-gas passage ~~(19)~~ further comprises an abrupt cross-sectional widening, and the cooling passage merges into its said orifice region (20) by means of an the abrupt cross-sectional widening (24); and
[[-]] the cross section in the orifice region ~~(20)~~ being is constant from the cross-sectional widening ~~(24)~~ up to the orifice cross section ~~(21)~~.

8. (Currently Amended) The cooling arrangement as claimed in ~~one of claims 1 to 7~~ Claim 1, [[characterized
- in that]] wherein said at least one cooling-gas passage comprises at least two cooling-gas passages (19) are provided; and further comprising
[[- in that]] a groove ~~(25)~~ is formed in the wall ~~(11)~~ on the bearing side ~~(15)~~, this the groove ~~(25)~~ connecting the at least two cooling-gas passages ~~(19)~~ to one another ~~in such a way so that~~ the orifice regions ~~(20)~~ of these said cooling-gas passages ~~(19)~~ are formed by the groove ~~(25)~~ or merge into the groove ~~(25)~~.

9. (Currently Amended) The cooling arrangement as claimed in ~~one of claims 1 to 8~~Claim 1, [[characterized
- in that]]wherein the first component ~~is~~comprises a heat shield (6) of a gas turbine (1), ~~this said~~ heat shield (6), with ~~regard~~respect to a rotation axis of a rotor (2) of the gas turbine (1), being exposed radially on the inside to the third cavity (12) and radially on the outside to the first cavity (9) and to the second cavity (10);
[[- in that]] wherein the wall (11) projects radially outward from the heat shield (6);
[[- in that]] wherein the wall (11) extends in the circumferential direction; and
[[- in that]] further comprising a plurality of circumferentially distributed cooling-gas passages (19) ~~are arranged in the wall (11) in a distributed manner in the circumferential direction.~~

10. (Currently Amended) The cooling arrangement as claimed in claim 9, ~~characterized in that~~wherein the second component ~~is a further~~comprises a second heat shield or a root (13) of a guide blade (5) of the gas turbine (1).

11. (Currently Amended) The cooling arrangement as claimed in claim 9, further comprising:
a gap connecting the first cavity to the third cavity; and ~~characterized in that~~
wherein the second component ~~is~~comprises a seal (16) which bears against the wall of the heat shield (6) ~~on the one hand and is configured and arranged to bear against a further~~
second heat shield or against a root (13) of a guide blade (5) of the gas turbine (1) ~~on the other hand, and seals a said gap (14) connecting the first cavity (9) to the third cavity (12).~~

12. (Currently Amended) The cooling arrangement as claimed in ~~one of claims 1 to 9~~Claim 1, ~~characterized in that~~further comprising:
a third component;

the second component is a seal (16) which seals a gap (14) which is formed between the first component (6) and a the third component (13) and connects the first cavity (9) to the third cavity (12); and

wherein the second component comprises a seal which seals said gap.

13. (Currently Amended) The cooling arrangement as claimed in ~~one of claims 1 to 12~~Claim 1, ~~characterized in that wherein~~ the positioning, ~~and/or dimensioning, or both,~~ of the orifice region (20) is selected ~~in such a way so~~ that the orifice cross section (21) is not open toward the third cavity (12) in any position of the second component (16) within the range of displacement (22).

14. (Currently Amended) The cooling arrangement as claimed in ~~one of claims 1 to 13~~Claim 1, ~~[[characterized~~
- in that]] wherein the first component (6), the second component, (16) and the wall (14) extend ~~in an annular manner~~ annularly relative to a common longitudinal center axis;
[[- in that]] wherein the wall (11) separates the first cavity (9) axially from the second cavity (10);
[[- in that]] wherein the second cavity (16) separates the first cavity (9) radially from the third cavity (12);
[[- in that]] wherein the second component (16) is radially displaceable relative to the first component (6); and
[[- in that]] wherein the cooling-gas passage (19) opens into the first cavity (9) in the region of an outer side (8), lying radially on the outside, of the second component (6).

15. (Currently Amended) The cooling arrangement as claimed in ~~claims 8 and~~ Claim 14, ~~[[characterized~~
- in that]] wherein said at least one cooling-gas passage comprises at least two cooling-gas passages; and further comprising

a groove formed in the wall on the bearing side, the groove connecting the at least two cooling-gas passages to one another so that the orifice regions of said cooling-gas passages are formed by the groove or merge into the groove;

wherein a plurality of circumferentially distributed cooling-gas passages (19) are formed in the wall (11) in a distributed manner in the circumferential direction; and

[[- in that] the groove (25) extends in the circumferential direction.

16. (New) The cooling arrangement as claimed in Claim 1, wherein the first cavity comprises a cavity in a gas turbine of a power plant.